

## Author Index

- Anraku, Y., Ohya, Y. and Iida, H.  
Cell cycle control by calcium and calmodulin in *Saccharomyces cerevisiae* (1093) 169
- Aoyagi, K., Takeshige, K. and Minakami, S.  
Effects of iodothyronines on chemotactic peptide-receptor binding and superoxide production of human neutrophils (1093) 223
- Aronson, J.K., see Syme, P.D. (1093) 234
- Asano, K., see Iizuka, H. (1093) 95
- Asano, T., see Takahashi, S. (1093) 207
- Aubery, M., see Botti, J. (1093) 13
- Baker, E., see Richardson, D. (1093) 20
- Barron, J.T., Kopp, S.J., Tow, J.P. and Parrillo, J.E.  
Differential effects of fatty acids on glycolysis and glycogen metabolism in vascular smooth muscle (1093) 125
- Bassols, A., see Romarís, M. (1093) 229
- Børglum, J.D., see Pedersen, S.B. (1093) 80
- Bosia, A., see Heller, R. (1093) 55
- Botti, J., Gouet, E., Aubery, M. and Codogno, P.  
Intracellular events are responsible for the differential expression of fibronectin on the fibroblast surface during chick embryo development (1093) 13
- Bowman, M.K., see Halpern, H.J. (1093) 121
- Brunotte, F., see Syme, P.D. (1093) 234
- Bussolino, F., see Heller, R. (1093) 55
- Chabannes, B., Hosni, R., Molière, P., Croset, M., Pacheco, Y., Perrin-Fayolle, M. and Lagarde, M.  
Leukotriene B<sub>4</sub> level in neutrophils from allergic and healthy subjects stimulated by low concentration of calcium ionophore A23187. Effect of exogenous arachidonic acid and possible endogenous source (1093) 47
- Chang, C.-H., Jiang, B. and Douglas, J.G.  
Calcium reveals different mechanisms of guanylate cyclase activation by atrial natriuretic factor and ATP in rat lung membranes (1093) 42
- Chernomordik, L.V., see Gass, G.V. (1093) 162
- Codogno, P., see Botti, J. (1093) 13
- Collado-Escobar, D., see Fonteriz, R.I. (1093) 1
- Conti, F., see Miccheli, A. (1093) 29
- Croset, M., see Chabannes, B. (1093) 47
- Daireaux, M., see Redini, F. (1093) 196
- Daya-Makin, M., Pelech, S.L., Levitzki, A. and Hudson, A.T.  
Erbstatin and tyrphostins block protein-serine kinase activation and meiotic maturation of sea star oocytes (1093) 87
- Del Barrio, A.S., see Martínez, J.A. (1093) 111
- Delfini, M., see Miccheli, A. (1093) 29
- Diamond, A.M., see Halpern, H.J. (1093) 121
- Divecha, N., Lander, D.J., Scott, T.W. and Irvine, R.F.  
Molecular species analysis of 1,2-diacylglycerols and phosphatidic acid formed during bombesin stimulation of Swiss 3T3 cells (1093) 184
- Douglas, J.G., see Chang, C.-H. (1093) 42
- Eriksen, E.F., see Pedersen, S.B. (1093) 80
- Fewson, C.A., see McNaughton, G.A.L. (1093) 189
- Fonteriz, R.I., Sanchez, A., Mollinedo, F., Collado-Escobar, D. and García-Sancho, J.  
The role of intracellular acidification in calcium mobilization in human neutrophils (1093) 1
- Fredholm, B.B., see Kvant, A. (1093) 178
- Fujiwara, C., see Habuchi, O. (1093) 153
- Fukui, T., see Takahashi, S. (1093) 207
- Galera, P., see Redini, F. (1093) 196
- Garbarino, G., see Heller, R. (1093) 55
- García-Sancho, J., see Fonteriz, R.I. (1093) 1
- Gass, G.V., Chernomordik, L.V. and Margolis, L.B.  
Local deformation of human red blood cells in high frequency electric field (1093) 162
- Ghigo, D., see Heller, R. (1093) 55
- Gibori, G., see Steinschneider, A. (1093) 102
- Gouet, E., see Botti, J. (1093) 13
- Green, Y., see Syme, P.D. (1093) 234
- Habuchi, O., Miyachi, T., Kaigawa, S., Nakashima, S., Fujiwara, C. and Hisada, M.  
Effects of glutathione depletion on the synthesis of proteoglycan and collagen in cultured chondrocytes (1093) 153
- Halpern, H.J., Jaffe, D.R., Nguyen, T.-D., Haraf, D.J., Spencer, D.P., Bowman, M.K., Weichselbaum, R.R. and Diamond, A.M.  
Measurement of bioreduction rates of cells with distinct responses to ionizing radiation and cisplatin (1093) 121
- Haraf, D.J., see Halpern, H.J. (1093) 121
- Hashida, K., see Takahashi, S. (1093) 207
- Heller, R., Bussolino, F., Ghigo, D., Garbarino, G., Schröder, H., Pescarmona, G., Till, U. and Bosia, A.  
Protein kinase C and cyclic AMP modulate thrombin-induced platelet-activating factor synthesis in human endothelial cells (1093) 55
- Heredia, A., see Romarís, M. (1093) 229
- Hisada, M., see Habuchi, O. (1093) 153
- Hollenbach, P.W., see Uhing, R.J. (1093) 115
- Hosni, R., see Chabannes, B. (1093) 47
- Hudson, A.T., see Daya-Makin, M. (1093) 87
- Ichikawa, A., see Takahashi, S. (1093) 207
- Iida, H., see Anraku, Y. (1093) 169
- Iizuka, H., Asano, K., Ito, F., Tamura, T., Takahashi, H. and Tsutsui, M.  
Desensitization of the epidermal adenylate cyclase system: agonists and phorbol esters desensitize by independent mechanisms (1093) 95
- Irvine, R.F., see Divecha, N. (1093) 184
- Ito, F., see Iizuka, H. (1093) 95
- Jaffe, D.R., see Halpern, H.J. (1093) 121
- James, P.S., see Smith, M.W. (1093) 144
- Jiang, B., see Chang, C.-H. (1093) 42
- Jondal, M., see Kvant, A. (1093) 178

- Kaigawa, S., see Habuchi, O. (1993) 153
- Kamada, Y. and Muto, S.  
Ca<sup>2+</sup> regulation of phosphatidylinositol turnover in the plasma membrane of tobacco suspension culture cells (1993) 72
- Kanaho, Y., see Takahashi, S. (1993) 207
- Katada, T., see Takahashi, S. (1993) 207
- Khan, I., see Steinschneider, A. (1993) 102
- Kopp, S.J., see Barron, J.T. (1993) 125
- Kraayenhof, R., see Lankelma, J. (1993) 147
- Kvanta, A., Jondal, M. and Fredholm, B.B.  
CD3-dependent increase in cyclic AMP in human T-cells following stimulation of the CD2 receptor (1993) 178
- Lagarde, M., see Chabannes, B. (1993) 47
- Lander, D.J., see Divecha, N. (1993) 184
- Lankelma, J., Mülder, H.S., Van Mourik, F., Wong Fong Sang, H.W., Kraayenhof, R. and Van Grondelle, R.  
Cellular daunomycin fluorescence in multidrug resistant 2780<sup>AD</sup> cells and its relation to cellular drug localisation (1993) 147
- Larralde, J., see Martínez, J.A. (1993) 111
- Lebenthal, E., see Lin, C.-H. (1993) 65
- Lee, P.-C., see Lin, C.-H. (1993) 65
- Levitzi, A., see Daya-Makin, M. (1993) 87
- Lin, C.-H., Lu, R.-B., Lebenthal, E., Luk, G.D. and Lee, P.-C.  
Essential role for polyamine biosynthesis in thyroxine stimulated pancreatic development in neonatal rats (1993) 65
- Loyau, G., see Redini, F. (1993) 196
- Lu, R.-B., see Lin, C.-H. (1993) 65
- Luk, G.D., see Lin, C.-H. (1993) 65
- MacKintosh, C., see McNaughton, G.A.L. (1993) 189
- Margolis, L.B., see Gass, G.V. (1993) 162
- Martenson, C.H., see Uhing, R.J. (1993) 115
- Martínez, J.A., Del Barrio, A.S. and Larralde, J.  
Evidence of a short-term effect of growth hormone on in vivo bone protein synthesis in normal rats (1993) 111
- Mauviel, A., see Redini, F. (1993) 196
- McNaughton, G.A.L., MacKintosh, C., Fewson, C.A., Wilkins, M.B. and Nimmo, H.G.  
Illumination increases the phosphorylation state of maize leaf phosphoenolpyruvate carboxylase by causing an increase in the activity of a protein kinase (1993) 189
- Miccheli, A., Ricciolini, R., Piccolella, E., Delfini, M. and Conti, F.  
Modulation of human lymphoblastoid B cell line by phorbol ester and sphingosine. A <sup>31</sup>P-NMR study (1993) 29
- Minakami, S., see Aoyagi, K. (1993) 223
- Miyachi, T., see Habuchi, O. (1993) 153
- Molière, P., see Chabannes, B. (1993) 47
- Molist, A., see Romarís, M. (1993) 229
- Mollinedo, F., see Fonteriz, R.I. (1993) 1
- Mülder, H.S., see Lankelma, J. (1993) 147
- Muto, S., see Kamada, Y. (1993) 72
- Nakano, A., see Nishikawa, S.-i. (1993) 135
- Nakashima, S., see Habuchi, O. (1993) 153
- Negishi, M., see Takahashi, S. (1993) 207
- Nguyen, T.-D., see Halpern, H.J. (1993) 121
- Nimmo, H.G., see McNaughton, G.A.L. (1993) 189
- Nishikawa, S.-i. and Nakano, A.  
The GTP-binding Sar1 protein is localized to the early compartment of the yeast secretory pathway (1993) 135
- Ohya, Y., see Anraku, Y. (1993) 169
- Pacheco, Y., see Chabannes, B. (1993) 47
- Parrillo, J.E., see Barron, J.T. (1993) 125
- Peacock, M.A., see Smith, M.W. (1993) 144
- Pedersen, S.B., Børghlum, J.D., Eriksen, E.F. and Richelsen, B.  
Nuclear estradiol binding in rat adipocytes. Regional variations and regulatory influences of hormones (1993) 80
- Pelech, S.L., see Daya-Makin, M. (1993) 87
- Perrin-Fayolle, M., see Chabannes, B. (1993) 47
- Pescarmona, G., see Heller, R. (1993) 55
- Piccolella, E., see Miccheli, A. (1993) 29
- Pizzo, S.V., see Uhing, R.J. (1993) 115
- Pörn, M.I., Tenhunen, J. and Slotte, J.P.  
Increased steroid hormone secretion in mouse Leydig tumor cells after induction of cholesterol translocation by sphingomyelin degradation (1993) 7
- Proud, C.G., see Redpath, N.T. (1993) 36
- Pujol, J.-P., see Redini, F. (1993) 196
- Radda, G.K., see Syme, P.D. (1993) 234
- Redini, F., Daireaux, M., Mauviel, A., Galera, P., Loyau, G. and Pujol, J.-P.  
Characterization of proteoglycans synthesized by rabbit articular chondrocytes in response to transforming growth factor- $\beta$  (TGF- $\beta$ ) (1993) 196
- Redpath, N.T. and Proud, C.G.  
Differing effects of the protein phosphatase inhibitors okadaic acid and microcystin on translation in reticulocyte lysates (1993) 36
- Ricciolini, R., see Miccheli, A. (1993) 29
- Richardson, D. and Baker, E.  
The uptake of inorganic iron complexes by human melanoma cells (1993) 20
- Richelsen, B., see Pedersen, S.B. (1993) 80
- Rodriguez de Turco, E.B. and Spitzer, J.A.  
Hepatic phosphatidylinositol kinase activity in continuously endotoxemic rats (1993) 216
- Romarís, M., Heredia, A., Molist, A. and Bassols, A.  
Differential effect of transforming growth factor  $\beta$  on proteoglycan synthesis in human embryonic lung fibroblasts (1993) 229
- Rubenstein, D.S., see Uhing, R.J. (1993) 115
- Sanchez, A., see Fonteriz, R.I. (1993) 1
- Schröder, H., see Heller, R. (1993) 55
- Scott, T.W., see Divecha, N. (1993) 184
- Slotte, J.P., see Pörn, M.I. (1993) 7
- Smith, M.W., James, P.S. and Peacock, M.A.  
Galactose effects on enterocyte differentiation in the mouse jejunum (1993) 144
- Spencer, D.P., see Halpern, H.J. (1993) 121
- Spitzer, J.A., see Rodriguez de Turco, E.B. (1993) 216
- Steinschneider, A., Khan, I. and Gibori, G.  
Inhibition and stimulation of rat luteal protein phosphorylation by protein kinase effectors (1993) 102
- Syme, P.D., Brunotte, F., Green, Y., Aronson, J.K. and Radda, G.K.  
The effect of  $\beta_2$ -adrenoceptor stimulation and blockade of L-type calcium channels on in vivo Na<sup>+</sup>/H<sup>+</sup> antiporter activity in rat skeletal muscle (1993) 234
- Takahashi, H., see Iizuka, H. (1993) 95
- Takahashi, S., Hashida, K., Yatsunami, K., Fukui, T., Negishi, M., Katada, T., Ui, M., Kanaho, Y., Asano, T. and Ichikawa, A.  
Characterization of cytosolic pertussis toxin-sensitive GTP-binding protein in mastocytoma P-815 cells (1993) 207
- Takeshige, K., see Aoyagi, K. (1993) 223
- Tamura, T., see Iizuka, H. (1993) 95
- Tenhunen, J., see Pörn, M.I. (1993) 7
- Till, U., see Heller, R. (1993) 55
- Tow, J.P., see Barron, J.T. (1993) 125
- Tsutsui, M., see Iizuka, H. (1993) 95

Uhing, R.J., Martenson, C.H., Rubenstein, D.S., Hollenbach, P.W.  
and Pizzo, S.V.

The exposure of murine macrophages to  $\alpha_2$ -macroglobulin 'fast'  
forms results in the rapid secretion of eicosanoids (1093) 115

Ui, M., see Takahashi, S. (1093) 207

Van Grondelle, R., see Lankelma, J. (1093) 147

Van Mourik, F., see Lankelma, J. (1093) 147

Weichselbaum, R.R., see Halpern, H.J. (1093) 121

Wilkins, M.B., see McNaughton, G.A.L. (1093) 189

Wong Fong Sang, H.W., see Lankelma, J. (1093) 147

Yatsunami, K., see Takahashi, S. (1093) 207